

## HOUSATONIC RIVER BASIN

01200600 HOUSATONIC RIVER NEAR NEW MILFORD, CT

LOCATION.--Lat 41°35'35", long 73°27'00", Litchfield County, Hydrologic Unit 01100005, at Boardman Bridge, 2.3 mi northwest of New Milford, 6.9 mi downstream from Tenmile River, 1.9 mi upstream from Aspetuck River and 4.7 mi upstream from Still River.  
 DRAINAGE AREA.--1,022 mi<sup>2</sup>.  
 PERIOD OF RECORD.--Water years 1962, 1963, 1974 to 1991, 1995 to current year.  
 REMARKS.--Samples for dissolved aluminum and zinc collected from May through September 2000 were reanalyzed because of possible contamination in the lab; those samples that could not be reanalyzed have been updated to the original concentration with a "less-than" (<) data qualifier.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	PH WATER FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SATUR-ATION (00301)	COLI-FORM, FECAL, UM-MF (COLS./100 ML) (31616)
NOV 03...	1220	258	267	276	8.3	12.0	13.0	12	10.4	101	160
JAN 12...	1445	3000	260	262	8.3	5.5	3.0	4.4	13.5	102	110
MAY 15...	1330	2850	242	254	8.0	16.0	15.0	7.1	9.8	97	82
JUL 19...	1415	3500	--	219	8.0	18.5	20.0	17	9.1	101	180
DATE	ENTERO-COCCI ME, MF WATER TOTAL (COL / 100 ML) (31649)	ENTERO-COCCI (MEI) MF 24 HOUR (COL / 100 ML) (90909)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
NOV 03...	1000	--	110	28.5	10.1	10.3	1.6	0	122	100	11.1
JAN 12...	116	--	110	26.8	10.3	9.6	1.4	0	117	96	11.1
MAY 15...	--	35	98	24.7	8.91	8.5	1.2	0	105	86	7.1
JUL 19...	--	108	90	22.8	7.95	7.8	1.2	0	98	80	4.9
DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED AS ST02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
NOV 03...	16.5	<.1	3.6	153	160	<.010	.195	<.020	--	.49	.15
JAN 12...	15.0	<.1	4.7	148	153	<.010	.494	.023	.28	.31	.34
MAY 15...	14.9	<.1	3.5	138	148	<.010	.256	.022	.47	.49	.29
JUL 19...	10.6	<.1	4.5	127	142	<.010	.240	.024	.56	.58	.28
DATE	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
NOV 03...	.68	.072	.006	<.010	9	<1	14	<1	<1.0	<.8	<1
JAN 12...	.80	.029	.012	<.010	30	<1	11	<1	<1.0	<.8	<1
MAY 15...	.74	.048	.012	<.010	<18	<1	11	<1	<1.0	<.8	<1
JUL 19...	.82	.089	.025	.014	12	<1	11	<1	<1.0	<.8	<1

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DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
NOV 03...	<1	70	<1	10	<1	<1	<1	2	<1	9.4
JAN 12...	<1	40	<1	13	<1	2	<1	<1	<1	2.9
MAY 15...	<1	50	<1	9	<1	<1	<1	<5	<1	6.0
JUL 19...	1	50	<1	3	<1	<1	<1	<1	<1	E6.7